

The **FACTS** Total Mixer Control (TMC) System integrates and centralizes control of the entire mixing and compounding process.

Experienced in Rubber & Plastics
Batch Mixing Including:

Tangential Machines; Intermesh Machines; and Tilt Mixers



Related Products

Total Information Manager Host System

Data Collection
Graphical analysis of historical batch data including batch trending and batch overlays
Recipe Editor
Configuration Editor
Remote Support

Weigh Belt/Scale System

Operator prompted weigh belt and weigh scale interface for minor ingredients, oils, fillers & polymers

System Features

- Job scheduling
- Recipe management
- Automatic feed system control
- Mix step control
 - Time
 - Temperature
 - Energy
- Historical batch analysis
- Menu driven touch screen
- Security system
- Operator log in
- Alarm identification
- Trend plotting
- Mix step display
- Manual controls

Full Process Integration

Control/monitoring of:

- Material handling systems
- Oil ingredient weights
- Bulk compound weigh systems
- Minor compound weigh systems
- Manual & automatic ingredient load
- Mixer speed and temperature
- Extruders
- Pelletizers
- Drop mills
- Batch offs
- Wig wags

TMC 6001

TOTAL MIXER CONTROL SYSTEM

System Highlights

Only **FACTS** integrates both control and management of your manufacturing process, equipment and job histories to provide your optimum production efficiency.

Operator Ease of Use

Menu driven	Batch trend display
Highlighted mix step	Multiple batch trends
Alarm presentation	Control screens
Touchscreen controls	Manual backup

Single Product Code Setup for:

Step operations	
Auxiliary systems	
Mixer control points	Batchoffs
Feeder subsystems	Downstream systems

Specialized Monitoring and Control for:

Mixer recipes	Auxiliary equipment
Mixer control points	Batchoffs
Feeder subsystems	Downstream systems

Specialized Displays for:

Production	Management
Quality Assurance	Engineering
Maintenance	Multi-Language

FACTS Capabilities

FACTS is a complete provider of turn key automation systems for batch processes. Our capabilities include Total Process Control, replacement electrical & drive enclosures, complete material weigh systems, data collection, analysis & reporting tools.

FACTS, Inc. is the leader in process control technology for the polymer market. In fact, we wrote the book on extrusion control—literally. For the Society of Plastics Engineers, **FACTS** penned the chapter on Extrusion Control in the "Guide on Extrusion Technology & Troubleshooting."

FACTS Inc. routinely provides new and existing process lines with complete electronic control systems and integrated HMI. Controls provided include, but are not limited to: temperature, speed and pressure control; sequence control; drive and heater systems; profile measurement and control.

FACTS, Inc. offers you experience at your fingertips with 24/7 support via Internet or modem.

FACTS, Inc. provides the tools to control your bottom line. Contact us today.



Benefits and Payback

Quality Benefits

- Consistent Operation
- Continually Improve Line, not just run it
- Closed Loop Control

Decrease

- Operator Requirements with a simple interface
- Maintenance Questions
- Scrap by staying on Spec
- Downtime by eliminating obsolete parts

Increase

- Speed of process
- Productivity
- Quality
- Customer Satisfaction

Start Up/Setup

- Fast
- Consistent Parameters
- Whole Line Coordinated Start-up